

PV 403 PEEP

The PV 403 is a Pressure Control, Volume Control and Pressure Support Ventilator.

Comfort and adaptability to the patient's needs have been further enhanced by the addition of adjustable internal PEEP. All the original benefits of the BREAS PV 403 Ventilator remain in one unit, which provides Pressure support, Volume control and Pressure control ventilation.

The internal PEEP function is easier to use, allows more precise setting of the values, gives improved accuracy and pressure stability providing more comfort and security for the patient

The BREAS PV 403 with internal PEEP is intended for the treatment (life support or not) of patients who require continuous or intermittent support by mechanical ventilation.,

The internal battery guarantees a safe usage in case of power interruption and allows for maximal patient mobility.

The internal patient data memory of the PV 403 can be downloaded to a PC, printed out, and analysed via the Patient Data analysis software package.



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- No extra parts in the circuit to assure a PEEP, which reduces the risk of accidental change and mounting errors
 - Very robust design
 - As there is no external PEEP valve, the tubing set is lighter, making it more comfortable for the patient
 - Internal battery

Technical Specifications PV 403 PEEP

SETTINGS/PERFORMANCE

Mode Selection	<ul style="list-style-type: none">• PSV (Pressure Support Ventilation)• PCV (Pressure Control Ventilation)• VCV (Volume Control Ventilation)
Patient Pressure	6-50 mbar
PEEP	0 to 10 mbar, tolerance \pm 2 mbar
Rate	4-40 breaths per minute (BPM)
Inspiration Time	0.5-5 seconds
Tidal Volume	0.3-1.6 litres
Inspiratory Trigger	-2 to +8 mbar
Expiratory Trigger	10-50% of maximum flow
Pressure Plateau	Adjustable
Minute Volume	2 to 50 l/min
Maximum Flow	120 l/min
Maximum Limited Pressure during Single Fault Condition	60 mbar

INDICATIONS AND OUTPUT

Patient Pressure	0-50 mbar
Total Breath Rate	BPM (Breath Per Minute)
Tidal Volume delivered	0.1 to 1.6 litres
Electrical Outputs	Analogue 0-6 V, PC Connector, External Alarm Connector

POWER SOURCES

Mains	100-240 V AC, 50-60Hz, 0.8A
External Battery Operation	12V, 24V DC, max. 4A
Internal Battery	Up to 15 Hours

OPERATING CONDITIONS

Operating Temperature Range	5 to 35°C (41 to 95°F)
Storage and Transport Temperature	-20 to +60°C (-4 to 140°F)
Ambient Pressure Range	700-1060 mbar
Humidity	< 95%
Maximum Limited Pressure during Single Fault Condition	60 mbar

ALARMS

Low Pressure, High Pressure, Low Tidal Volume, High Rate, Power Failure Alarm, Function Error, Low Battery
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DIMENSIONS

W x H x D	350 x 175 x 260 mm
Weight	5,5 kg

BREAS

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